

IAP Cover Sheet		Version Name: Period 1
Incident Name: 2nd 80's Fire		Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]
Approved By		
Federal OSC:	<i>[Signature]</i>	
State OSC:	<i>K. Bruchhagen</i>	
Local OSC:		
Incident Commander:	<i>D.C. [Signature]</i>	

Incident Action Plan

Notes

Period 1 IAP

Period 1 IAP.JPG



IAP Cover Sheet	Version Name: Period 1
Incident Name: 2nd 80's Fire	Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]

Approved By

Federal OSC: _____

State OSC: _____

Local OSC: _____

Incident Commander: _____

Incident Action Plan







Notes

Period 1 IAP

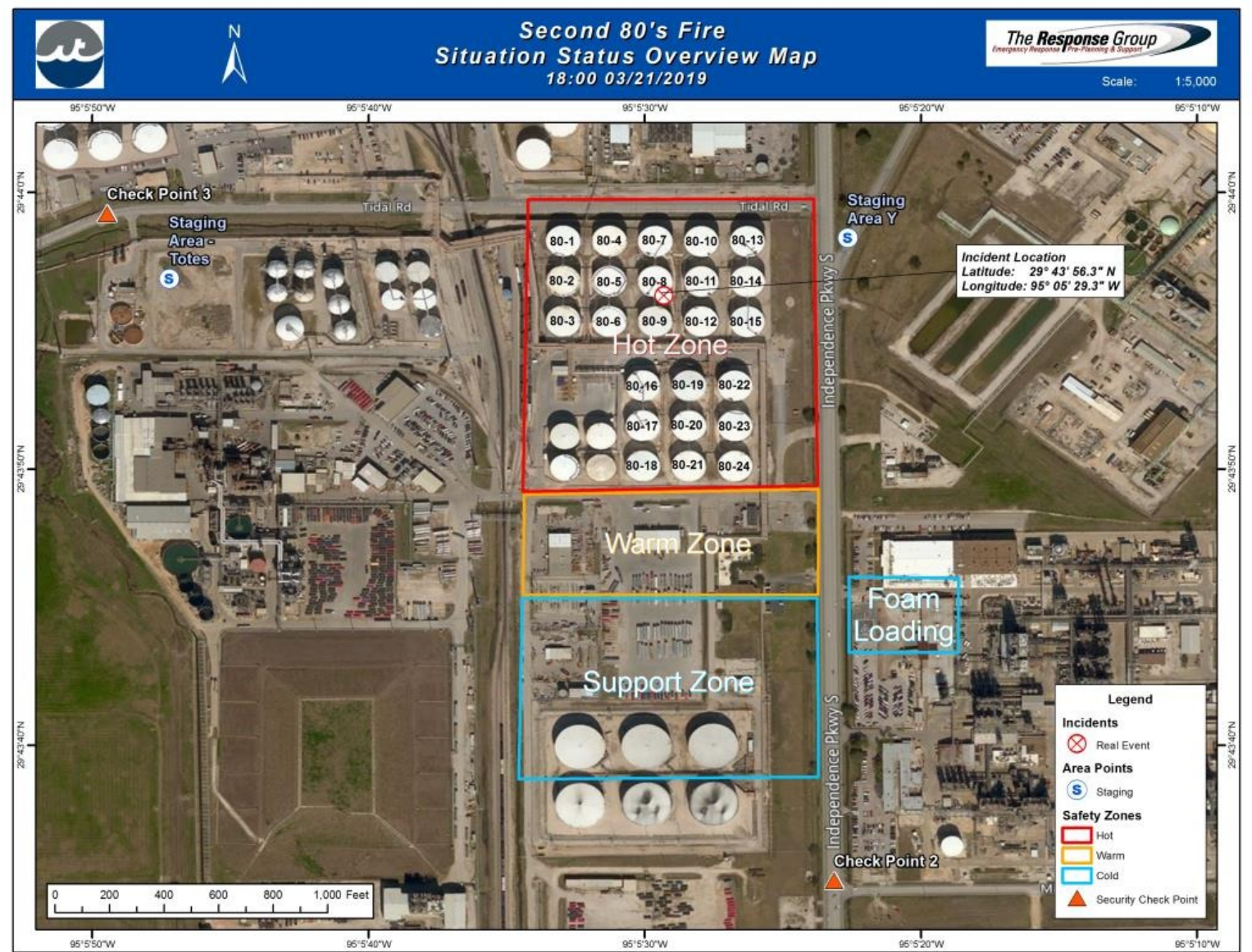
Period 1 IAP.JPG



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Weather Report				Version Name: 3/21/2019 17:00 Weather Report			
Incident Name: 2nd 80's Fire				Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]			
Present Conditions							
Weather Conditions as of 03/21/2019 16:59							
deer park station id: PWS_KTXDEERP19							
Temperature: 77° Fahrenheit				Feels Like: 77° Fahrenheit			
Wind Speed: 6 mph				Dew Point: 39° Fahrenheit			
Wind Direction (from): NW				Pressure: 29.89 psi			
Visibility: mile(s)				UV Index:			
Humidity (%): 26				Sunrise: 07:21			
: Sunny				Sunset: 19:32			
: Sunny							
Current Speed:				Wave Height: feet			
Current Direction (to):				Wave Direction: NW			
Water Temperature: ° Fahrenheit				Swell Interval: feet			
Forecast Date							
Thu 03/21/2019		Sunny			Clear		
		Chance of Precipitation(%): 4%			Chance of Precipitation(%): 0%		
	75 F	Wind: 4 mph		53 F	Wind: 4 mph		
Fri 03/22/2019		Sunny			Mostly Clear		
		Chance of Precipitation(%): 0%			Chance of Precipitation(%): 4%		
	79 F	Wind: 4 mph		56 F	Wind: 5 mph		
Sat 03/23/2019		Partly Cloudy with Isolated Storms			Partly Cloudy		
		Chance of Precipitation(%): 20%			Chance of Precipitation(%): 9%		
	74 F	Wind: 9 mph		63 F	Wind: 10 mph		
Tides							
	Tide	Height	UOM	Time	Tide Station Location		
Thu 03/21/2019	Low	0.661	feet	04:05	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.263	feet	09:45	Lynchburg Landing, San Jacinto River, Tx Us		
	Low	0.279	feet	16:37	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.102	feet	22:32	Lynchburg Landing, San Jacinto River, Tx Us		
Fri 03/22/2019	Low	0.471	feet	04:47	Lynchburg Landing, San Jacinto River, Tx Us		
	High	1.312	feet	11:03	Lynchburg Landing, San Jacinto River, Tx Us		
	Low	0.533	feet	17:37	Lynchburg Landing, San Jacinto River, Tx Us		
Weather Report				Prepared By Jeremy Kolek, Updated 03/21/2019 17:00 UTC -6:00 PP			
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Weather Report					Version Name: 3/21/2019 17:00 Weather Report
Incident Name: 2nd 80's Fire					Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]
Fri 03/22/2019	High	1.051	feet	22:45	Lynchburg Landing, San Jacinto River, Tx Us
Sat 03/23/2019	Low	0.296	feet	05:33	Lynchburg Landing, San Jacinto River, Tx Us
	High	1.358	feet	12:27	Lynchburg Landing, San Jacinto River, Tx Us
	Low	0.777	feet	18:35	Lynchburg Landing, San Jacinto River, Tx Us
	High	1.033	feet	22:57	Lynchburg Landing, San Jacinto River, Tx Us



ICS 202 - Incident Objectives		Version Name: 20190320	
Incident Name: 2nd 80's Fire		Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Objective(s)			
Ensure the Safety of the Public and Response Personnel			
Maximize the protection of public health and welfare			
Maintain fire suppression activities to prevent reignition and suppress vapor.			
Conduct damage/stability assessment; develop and implement a water removal plan			
Ensure undeterred maritime transportation.			
Maximize Protection of Environmentally and Socially Sensitive Areas			
Keep the public, stakeholders and the media informed of response activities			
Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
Safety is the number one priority. All responders have "Stop Work Authority." Report any unsafe acts or situation to your supervisor immediately.			
ICS 202 - Incident Objectives		Prepared By Planning Section, Updated 03/21/2019 18:05 UTC -6: PP	
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ICS 202a - Command Direction		Version Name: 20190320	
Incident Name: 2nd 80's Fire		Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Priorities			
People (Life Safety)			
Incident Stabilization			
Property Preservation			
Society Restoration/Business Continuity			
Limitations and Constraints			
<ul style="list-style-type: none"> • Weather Conditions • Air monitoring exceedances • Location of the Incident • Availability of Resources • Permits • Access to Shoreline (Private Lands) • Spilled Material Characteristics (monitoring/PPE requirements) • Public Health • Community/Media Perception • Evidence Preservation • Disposal of Waste 			
Key Decisions and Procedures			
Key Decisions <ul style="list-style-type: none"> • Name of Incident = 2nd 80's Fire • Overall Response Organization - Staffing <ul style="list-style-type: none"> ◦ Operations Section Chief = ITC ◦ Planning Section Chief = TRG ◦ Logistics Section Chief = ITC ◦ Finance Section Chief = ITC ◦ Safety Officer = ITC ◦ Public Information Officer = ITC ◦ Liaison Officer = ITC ◦ Environmental Unit Leader = ITC ◦ Joint Information Center (JIC) Manager = ITC <p>Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization</p> <ul style="list-style-type: none"> • Location of Incident Command Post and Joint Information Center = 1030 Ethyl Rd., Pasadena, TX • Operational Period & work hours = 24 hours (07:00-07:00) with shift changes at 06:00 and 18:00 • All external releases of information should be approved by UC 30 minutes prior to release • ITC Cares hotline number established has (346) 263-9766 • Air Monitoring readings will be provided to Deer Park, Pasadena, and La Porte and posted to the ITC portal daily but shall be provided to EPA and TCEQ two hours prior to public release. 			
ICS 202a - Command Direction		Prepared By Planning Section, Updated 03/21/2019 10:41 UTC -6: PP	
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ICS 202b - Critical Information Requirements		Version Name: 20190320	
Incident Name: 2nd 80's Fire		Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
<p style="text-align: center;">Unified Command Critical Threshold Reporting Criteria</p> <p>- IMMEDIATE -</p> <p>Injury or Death</p> <p> OSHA/Greater than 1st Aid through Safety Officer</p> <p> Hospital transports</p> <p>Public health impacts</p> <p>Air monitoring levels exceeding action levels</p> <p>Any breach in security</p> <p>Any unaccounted for, or unauthorized personnel in the field</p> <p>Any new incidents (fire, oil spill, etc.)</p> <p>Loss of major tactical resources</p> <p>Change in current or forecasted weather, limiting response operations</p> <p>Confirmed wildlife impacts</p> <p>Loss or breach of containment</p> <p>Shoreline Oiling or Impacts</p> <p>Impacted sensitive areas beyond protection</p> <p>Critical stakeholder issues and concerns</p> <p>Maritime transportation impacts</p> <p>Public infrastructure closures (parks, boat ramps, railroads, roads, etc.)</p> <p>Media interview requests</p> <p>Special requests from agencies</p> <p>Unplanned VIP visits</p> <p>Adverse external influences, including social media</p> <p>Political activities or actions that may negatively impact the effectiveness of the response</p>			
ICS 202b - Critical Information Requirements		Prepared By Planning Section, Updated 03/21/2019 10:45 UTC -6: PP	
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ICS 204 - Assignment List			Task Force: Air Monitoring TF	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Air Monitoring TF	Equipment: Safety	Air Monitoring Kits	117	
Air Monitoring TF	Manpower: Responder	Manpower: Responder	45	
Assignments				
<p>Air Monitoring Task Force will continue to actively monitor Area RAEs deployed at fixed monitoring locations, and continue to conduct mobile/roaming community & personnel air monitoring in neighboring areas using Multi RAEs, Ultra RAEs for Benzene, Gastec Pumps, and AM 510s for particular matter</p> <p>Readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.</p> <p>Report reading to Safety and Operations on established schedule except for action level exceedences which should be reported immediately. If sustained detections of readings are observed on any Area RAE unit, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Project Managers will be onsite to direct specialists in the field. Data managers onsite will provide data summaries and support.</p>				
Communications				
Name / Function		Contact Details		
Ch. 15 Operations/Safety/IC				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Updated 03/21/2019 10:41 UTC -6:00	
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ICS 204 - Assignment List			Task Force: Water Sampling TF	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Water Sampling TF	Miscellaneous	Water Sampling Kits	2	
Water Sampling TF	Vessel	Vessel	1	
Water Sampling TF	Manpower: Responder	Manpower: Responder	2	
Assignments				
Conduct water sampling in various locations per the Water Sampling Plan. Samples will be taken from shoreline access points and vessels as needed. All sampling results will be communicated back to Incident Command.				
Communications				
Name / Function		Contact Details		
Ch. 15 Operations/Safety/IC				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Avoid vessel collisions with wildlife				
Avoid walking or grounding vessels in marsh areas				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Updated 03/21/2019 13:58 UTC -6:00	
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ICS 204 - Assignment List			Other: Rapid Assessment Team (RAT)	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Rapid Assessment Team (RAT)	Vessel	Vessel	2	
Rapid Assessment Team (RAT)	Manpower: Responder	Manpower: Responder	6	
Assignments				
2 Rapid Assessment Teams to conduct surveys along both shorelines of the ship channel to assess any environmental impacts. Teams will be comprised of Federal, State and Cardno/ITC personnel. All surveys will be conducted per the Rapid Assessment Team Plan.				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Avoid vessel collisions with wildlife				
Avoid grounding vessels in marsh areas				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Prepared By Kyle Lumpkin, Updated 03/21/2019 16:19 UTC -6:00 PP	
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ICS 204 - Assignment List			Group: Tank Farm Recovery Group	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Tank Farm Recovery Group	Pumps	Pumps	1	
Tank Farm Recovery Group	Manpower: Responder	Manpower: Responder	8	
Tank Farm Recovery Group	Pumper truck	Pumper truck	1	
Tank Farm Recovery Group	Hose/Accessories	Hose/Accessories	5000	
Assignments				
Conduct evacuation of remaining product from 2nd 80's tank farm starting with 80-7 into 80-18 using pumps/hose. Evaluate tanks 80-14 and 80-15 for continued product evacuation.				
Communications				
Name / Function		Contact Details		
Ch. 15 Operations/Safety/IC				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Updated 03/21/2019 16:39 UTC -6:00	
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ICS 204 - Assignment List			Task Force: Fire Water Containment TF	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Fire Water Containment TF	Manpower: Responder	Manpower: Responder	4	
Fire Water Containment TF	Manpower: Supervisor	Manpower: Supervisor	1	
Fire Water Containment TF	Pumps	Pumps	1	
Assignments				
<p>Ensure all firewater/mix used in firefighting operations is contained and removed. Utilize vacuum trucks, pumps, suction hose, and manifold hose to pump water into tank 100-28 or 80-18.</p> <p>Maintain 2' of foam and mixture within the tank farm.</p>				
Communications				
Name / Function		Contact Details		
Ch. 15 Operations/Safety/IC				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Special Site-Specific Safety Considerations				
<p>Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.</p>				
ICS 204 - Assignment List			Updated 03/21/2019 13:56 UTC -6:00	
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ICS 204 - Assignment List			Task Force: Foam Application TF	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Foam Application TF	Manpower: Responder	Manpower: Responder	2	
Foam Application TF	Manpower: Supervisor	Manpower: Supervisor	1	
Foam Application TF	Fire Fighting Foam	Foam Totes	1000	
Foam Application TF	Fire Fighting Equipment	Foam Pumper	1	
Assignments				
Ensure continuous foam blanket is applied within the tank berm area to mitigate any re-ignition potential.				
Communications				
Name / Function		Contact Details		
Ch. 15 Operations/Safety/IC				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Updated 03/21/2019 12:59 UTC -6:00	
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ICS 204 - Assignment List			Group: Protection Group	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Protection Group	Manpower: Responder	Manpower: Responder	2	
Protection Group	Boom	Boom	3000	
Protection Group	Work Barge	Barge Boat	1	
Protection Group	Manpower: Supervisor	Manpower: Supervisor	1	
Assignments				
Maintain and deploy protective boom as necessary to protect water intakes and environmentally sensitive areas. Remove and replace contaminated sorbent boom as needed.				
Communications				
Name / Function		Contact Details		
Ch. 15 Operations/Safety/IC				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Avoid vessel collisions with wildlife				
Avoid walking or grounding vessels in marsh areas				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Prepared By Operations, Updated 03/21/2019 18:22 UTC -6:00 PP	
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ICS 204 - Assignment List			Group: Shoreside Recovery Group	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Recovery Group	Work Boat	Work Boat	3	feet
Recovery Group	Manpower: Responder	Manpower: Responder	19	
Recovery Group	Work Barge	Barge Boat	1	
Recovery Group	Manpower: Supervisor	Manpower: Supervisor	2	
Recovery Group	Vacuum Truck	Vacuum Truck	1	
Recovery Group	Pumps	Pumps	4	
Recovery Group	Vac Truck Operator	Vac Truck Operator	1	
Recovery Group	Utility Boat	Fast Response Vessel	2	
Assignments				
Utilize OMI/Clean Harbors personnel and equipment to conduct containment and recovery of material within Tucker Bayou and at confluence Buffalo Bayou near dock 4 as well as in the ship channel. Recover material using vessels, skimmers, pumps, and vacuum trucks. Dispose of recovered material per the Waste Management Plan.				
Communications				
Name / Function		Contact Details		
Ch. 15 Operations/Safety/IC				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Avoid vessel collisions with wildlife				
Avoid walking or grounding vessels in marsh areas				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Prepared By Operations, Updated 03/21/2019 10:07 UTC -6:00 PP	
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ICS 204 - Assignment List			Group: Disposal Group	
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Disposal Group	Roll Off Box	Roll Off Box	2	
Disposal Group	Manpower: Supervisor	Manpower: Supervisor	1	
Assignments				
All collected solid waste from shoreline cleanup operations will be stored in poly bags. Poly bags will be stored in lined roll off boxes prior to an identified waste handling facility.				
All recovered liquids will be stored in 80's separator which will then be transferred to wastewater tank 80-34.				
Special Environmental Considerations				
Report any oiled wildlife, or wildlife in foam to the Environmental Unit Lead				
Conduct waste management operations in accordance with the incident-specific Waste Management Plan (in draft)				
Special Site-Specific Safety Considerations				
Wear appropriate PPE, communicate any unsafe situations to supervisor. Utilize stop work authority if necessary. Nobody gets hurt. Ensure all personnel are equipped with Benzene detection.				
ICS 204 - Assignment List			Prepared By Kyle Lumpkin, Updated 03/21/2019 13:53 UTC -6:00 PP	
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ICS 204 - Assignment List			Group: Security Group		
Incident Name: 2nd 80's Fire			Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]		
Operations Personnel					
Position	Name	Affiliation	Contact Number(s)	Work Shift	
Operations Section Chief	Cadena, Hector	ITC	281-884-0380	Night Shift	
Operations Section Chief	Karl, Kuhn	ITC	713-208-5583	Day Shift	
Deputy Operations Section Chief	Vanegas, Mike	ITC	713-483-4331	Day Shift	
Deputy Operations Section Chief	Young, Kevin	ITC	281-786-9383	Night Shift	
Resources Required					
Area Of Operation	Resource Kind	Description	Quantity	Size	
Security Group	Vehicle	Patrol Car	2		
Security Group	Manpower: Supervisor	Officers	4		
Assignments					
Law Enforcement/Security to maintain established traffic control for all operational areas and incident command locations.					
Communications					
Name / Function		Contact Details			
Ch. 15 Operations/Safety/IC					
<div> <div>ICS 204 - Assignment List</div> <div>Updated 03/21/2019 13:59 UTC -6:00</div> </div> <div> <div>INCIDENT ACTION PLAN SOFTWARE™</div> <div>Printed 03/21/2019 23:14 UTC -6:00</div> </div> <div> <div>Page 1 of 1</div> <div>© TRG</div> </div>					

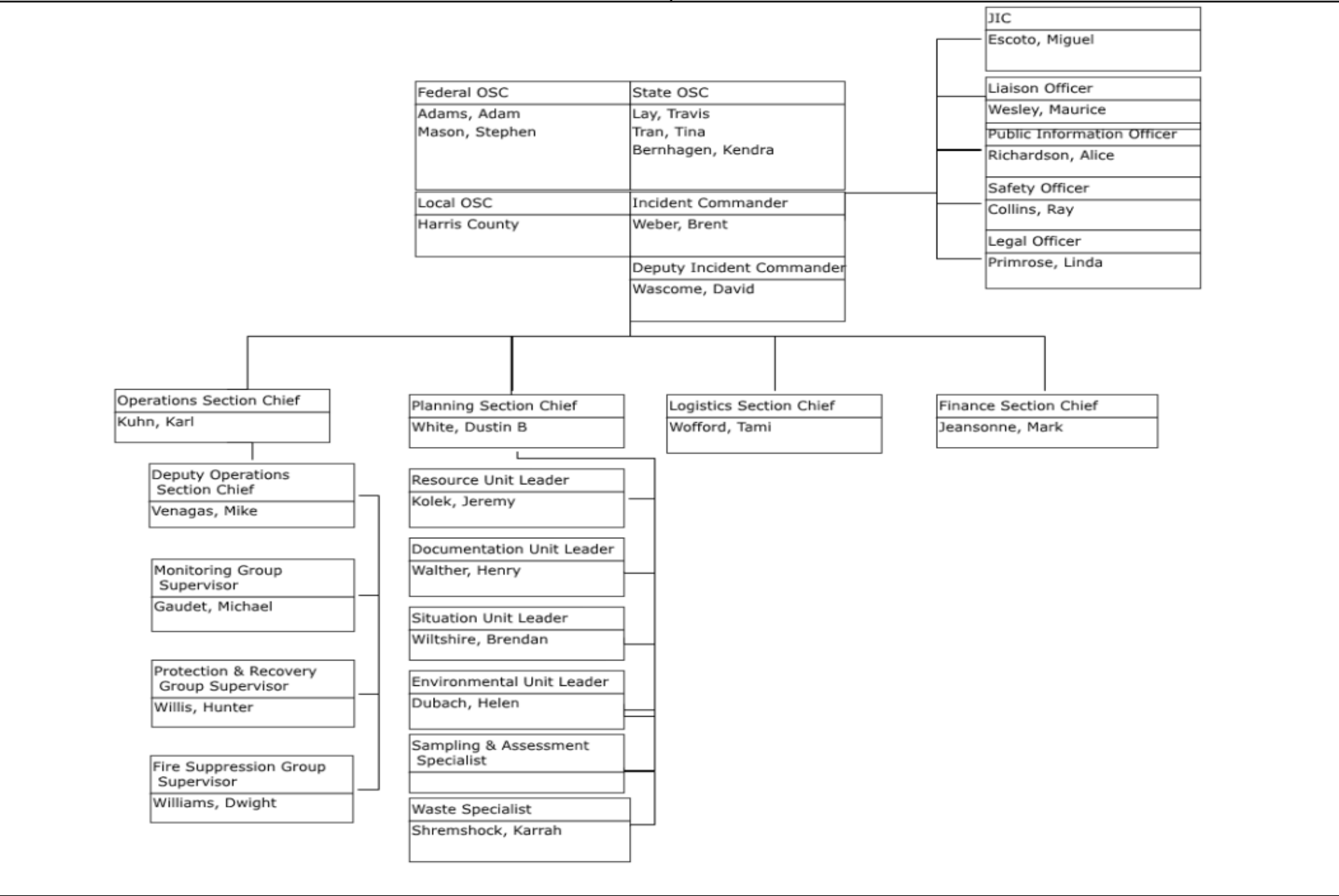
ICS 205 - Radio Communications					Version Name: Radio Comms				
Incident Name: 2nd 80's Fire					Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]				
Radio Channel Information									
Ch #	Function	Channel Name/ Trunked Radio System Talkgroup	Assignment	Rx Freq N or W	Rx Tone/NAC	Tx Freq N or W	Tx Tone/NAC	Mode (A, D, or M)	Remarks
15	Operations	Operations/Safety/I ncident Command							
1	Dispatch								
2	Tactical	East/South							
3	Tactical	North Div							
4	Tactical	West Div (Water Supply)							
5	Tactical	Safety (IH)							
Special Radio Instructions									
ICS 205 - Radio Communications					Prepared By Logistics, Updated 03/21/2019 17:37 UTC -6:00 PP				
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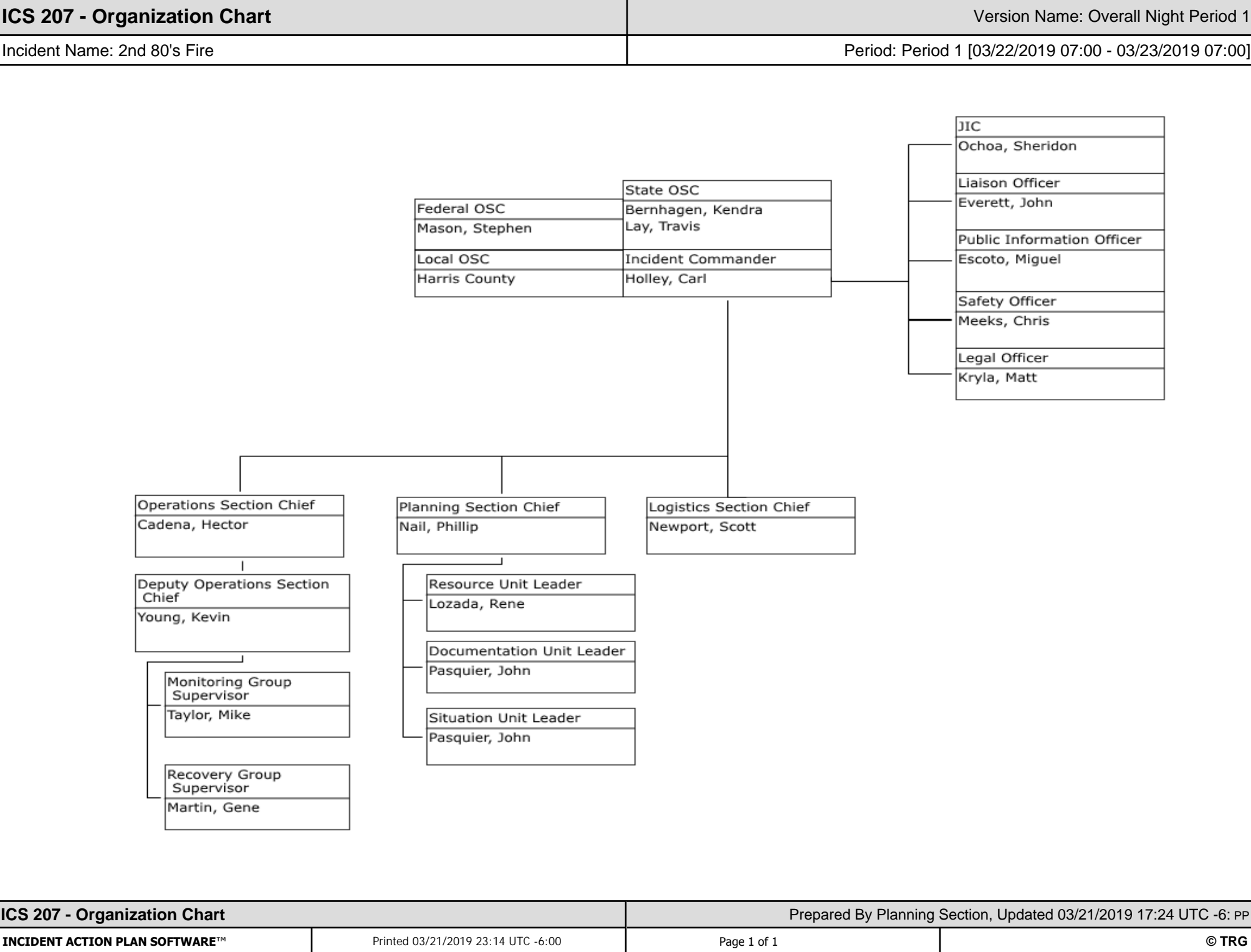
ICS 205a - Communications List				Version Name: Communications List	
Incident Name: 2nd 80's Fire				Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Local Communications Information					
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes
Adams, Adam	Federal OSC	214-202-6952			
Antu, Jason		(281) 786-9770			
Bernhagen, Kendra	State OSC	(713) 767-3591			
Carroll, Amos		(832) 256-3265			
Escoto, Miguel	JIC	(832) 798-9331			
Everett, John	ITC Customers & Business	(713) 824-3578			
Holley, Carl		(281) 380-1012			
Jeansonne, Mark	Finance Section Chief	281-884-0312			
Kolek, Jeremy	Resource Unit Leader	281-787-1214	281-880-5000	jkolek@responsegroupinc.com	
Kryla, Matt	Legal Officer	7135040313			
Kuhn, Karl	Operations Section Chief	(713) 208-5583			
Lay, Travis	State OSC	(254) 493-2403			
Lozada, Rene	IAP Support Specialist	832-490-4737	832-763-8541	rlozada@responsegroupinc.com	
Lumpkin, Kyle	IAP Support Specialist	281-795-1353	281-880-5000	klumpkin@responsegroupinc.com	
Mason, Stephen		(214) 789-1871			
McLelland, Reid	Monitoring Group Supervisor	(281) 838-7567			
Morris, Nicole		(816) 830-8528			
Nail, Phillip	IAP Support Specialist	713-819-6928	281-880-5000	pnail@responsegroupinc.com	
Netland, Bernt	Deputy EOC Manager	(281) 884-0267			
Newport, Scott	Logistics Section Chief	(281) 515-4700			
Pasquier, John	IAP Support Specialist	832-418-2312	281-880-5000	jpasquier@responsegroupinc.com	
Pennacchi, Bob		(281) 881-8625			
Richardson, Alice	Public Information Officer	(713) 705-8570			
Samuelsen, Dale		(281) 415-7306			
Swanney, Kyle		(832) 256-7210			
Taylor, Mike	Monitoring Group Supervisor	(281) 667-1771			
Tran, Tina	State OSC	5129652717			
Vanegas, Mike	Deputy Operations Section Chief	(713) 483-4331			
ICS 205a - Communications List					
Prepared By Logistics, Updated 03/21/2019 09:34 UTC -6:00 PP					
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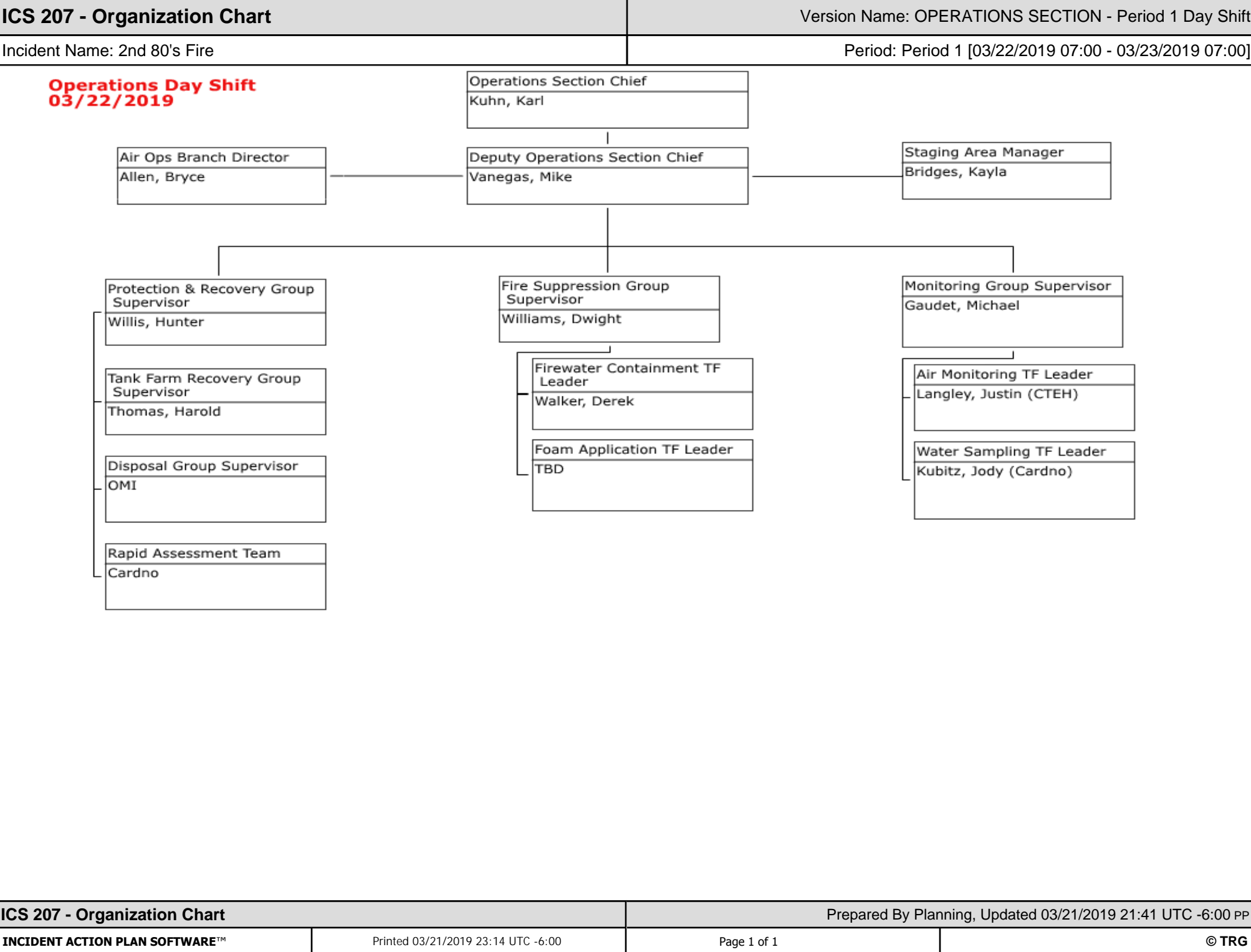
ICS 205a - Communications List				Version Name: Communications List	
Incident Name: 2nd 80's Fire				Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Local Communications Information					
Name	Incident Assigned Position	Mobile Phone	Work Phone	Email	Notes
Walker, Derek	Recovery Group Supervisor	(281) 515-0751			
Walther, Henry	Documentation Unit Leader	832-763-8544	281-880-5000	hwalther@responsegroupinc.com	
Wascome, David	Deputy Incident Commander	(225) 964-9640			
Weber, Brent	Incident Commander	(225) 806-5136			
Wesley, Maurice	Liaison Officer	2812224916			
White, Dustin B	Planning Section Chief	281-797-9311	281-880-5000	dwhite@responsegroupinc.com	
Wiltshire, Brendan	Situation Unit Leader	806-782-5216	281-880-5000	BWiltshire@responsegroupinc.com	
Wofford, Tami	Logistics Section Chief	832-338-4818			
Langley, Justin (CTEH)	Air Monitoring TF Leader	281-627-2889			
Willis, Hunter	Recovery & Protection Group	(346) 233-2879			
Thomas, Harold	Tank Farm Recovery Group Supervisor	(713) 823-2543			
Kubitz, Jody (Cardno)	Water Sampling TF Leader	815-355-3938			
Bridges, Kayla	Staging Area Manager	(832) 247-9180			
ICS 205a - Communications List				Prepared By Logistics, Updated 03/21/2019 09:34 UTC -6:00 PP	
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ICS 206 - Medical Plan				Version Name: 20190319 Medical Plan				
Incident Name: 2nd 80's Fire				Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Fort Bend County MPV 6-03	-95.16425 29.7246	<input checked="" type="checkbox"/>	Ph1: 346-857-9244					
Atascocita FD Rehab	-95.16421 29.72464	<input checked="" type="checkbox"/>	Ph1: CIMA 1					
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
CIMA Affiliated Ambulances		Ph1: CIMA 1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Texas Medical Transport - Channelview	Channelview, TX	Ph1: (281) 457-6360		<input type="checkbox"/>	<input type="checkbox"/>			
Alliance Ambulance Inc.	Channelview, TX	Ph1: (281) 457-2666		<input type="checkbox"/>	<input type="checkbox"/>			
Texas Medical Transport - Deer Park	Deer Park, TX	Ph1: (281) 478-0800		<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
Houston Healthcare Southeast	4000 Spencer Hwy Pasadena, TX 77504 -95.18378 29.66124	713-359-1440				III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UTMB	3737 Red Bluff Rd #150 Pasadena, TX 77503 -95.15567 29.68583	409-772-2002				I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Houston Healthcare Clear Lake	500 W. Medical Center Blvd, Webster, TX 77598 Webster, TX 77598 -95.12773 29.5413	281-338-3708				II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Houston Methodist Baytown	4401 Garth Road Baytown, TX 77521 -94.9796 29.76916	281-420-8851 281-420-8600					<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surgery Specialty Hospital of America- Southeast Houston	4301 B Vista Pasadena, TX 77504 -95.1779 29.65913	713-378-2068 713-378-3000				II	<input type="checkbox"/>	<input type="checkbox"/>
Advanced Diagnostic Hospital East	12950 East Freeway Ste.100 Houston, TX 77015 -95.20044 29.77054	903-240-5893					<input type="checkbox"/>	<input type="checkbox"/>
ICS 206 - Medical Plan				Prepared By Planning, Updated 03/20/2019 18:22 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/21/2019 23:14 UTC -6:00		Page 1 of 2		© TRG		

ICS 206 - Medical Plan		Version Name: 20190319 Medical Plan	
Incident Name: 2nd 80's Fire		Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Special Medical Emergency Procedures			
<p>SDS available and copies made to send with ambulance.</p> <p>Decontamination must take place prior to transport.</p> <p>Helipad/air operations will take place on Independence Road immediately across from CIMA Incident Command Post.</p>			
ICS 206 - Medical Plan		Prepared By Planning, Updated 03/20/2019 18:22 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 03/21/2019 23:14 UTC -6:00	Page 2 of 2	© TRG







ICS 208 - Site Safety Plan					Version Name: 20190321				
Incident Name: 2nd 80's Fire					Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]				
Applies to Site: Tank Farm									
Site Characterization									
Water			Land			Weather			
Wave Height			Land Use			Air Temp		59 Fahrenheit	
Speed						Wind Speed		0 mph	
Direction						Direction		W	
Site Hazards									
Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UV Radiation	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Visibility	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Weather	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Work Near Water	
Air Monitoring Limits									
Oxygen Level		Outside 19.5-23.5	Hydrogen Sulfide		10 ppm	Total Hydrocarbons		50 ppm	
LEL		Greater than 10%	Benzene		.5 ppm				
Engineering Controls									
<input type="checkbox"/>	Source of release secured		<input checked="" type="checkbox"/>	Valve(s) closed		<input checked="" type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down					
Personal Protective Equipment Required									
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection		
<input type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation		
<input type="checkbox"/>	Outer gloves		<input checked="" type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots		
Additional Control Measures Established									
<input checked="" type="checkbox"/>	Decontamination		<input checked="" type="checkbox"/>	Illumination		<input checked="" type="checkbox"/>	Additional stations established		
<input checked="" type="checkbox"/>	Sanitation		<input checked="" type="checkbox"/>	Medical surveillance		<input checked="" type="checkbox"/>	Facilities provided		
Work Plan									
<input type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work		
<input type="checkbox"/>	Skimming		<input checked="" type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used		
<input checked="" type="checkbox"/>	Vac trucks		<input checked="" type="checkbox"/>	Sorbent pads					
<input checked="" type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching					
Training									
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements		HAZWOPER			
ICS 208 - Site Safety Plan					Prepared By Safety Officer, Updated 03/21/2019 14:38 UTC -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: 20190321					
Incident Name: 2nd 80's Fire				Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]					
Organization									
<i>Position</i>		<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>			
Incident Commander		Wascome, David		(225) 964-9640		Operations Section Chief			
Safety Officer		Vanegas, Mike							
Emergency Plan									
<input type="checkbox"/> Fire Prevention Plan		<input type="checkbox"/> Evacuation Plan							
<input checked="" type="checkbox"/> Alarm System		<input type="checkbox"/> First Aid Location							
Notifications									
<i>Facility</i>			<i>Phone</i>		<i>Facility</i>			<i>Phone</i>	
<input checked="" type="checkbox"/> Hospital		Houston Healthcare Southeast		713-359-1440		<input checked="" type="checkbox"/> Fire		Deer Park Fire Department	
<input checked="" type="checkbox"/> Ambulance		CIMA Affiliated Ambulances		CIMA 1		<input checked="" type="checkbox"/> Law Enforcement		Harris County Sheriff	
<input checked="" type="checkbox"/> Air Ambulance		CIMA Affiliated Ambulances		CIMA 1		<input checked="" type="checkbox"/> Emergency Response/Rescue		Deer Park Fire Department	
Initial Briefing									
<input type="checkbox"/>		Initial safety briefing prepared for each site							
ICS 208 - Site Safety Plan					Prepared By Safety Officer, Updated 03/21/2019 14:38 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/21/2019 23:14 UTC -6:00			Page 2 of 2			© TRG	

ICS 220 - Air Operations Summary				Version Name: 20190321-10:30-23:59		
Incident Name: 2nd 80's Fire				Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]		
Sunrise		Sunset		Ready Alert Aircraft		
03/21/2019 07:23		03/21/2019 19:32		Medivac		
Remarks (safety notes, hazards, air operations special equipment, etc)				New Incident		
SGI Waiver for 24/7 operations inside TFR / NOTAM. Operation outside of TFR must be IAW Part 107.				Temporary Flight Restriction Number		
				Altitude 1000		
Personnel				Center Point -95.091478 29.732298		
<i>Position</i>	<i>Name</i>	<i>Phone</i>	Frequencies			
Air Ops Branch Director	Allen, Bryce	214-930-0442	<i>Frequency / Function</i>		<i>AM</i>	<i>FM</i>
UAS Visual Observer	Blankenship, Jacob	361-813-5377				
UAS Remote Pilot in Command	Lindsey, David	409-939-8186				
UAS Remote Pilot (ITC)	Michael Capps	281-515-0774				
Helicopters						
<i>FAA N#</i>	<i>Category</i>	<i>Make/Model</i>	<i>Base</i>	<i>Available</i>	<i>Start</i>	<i>Remarks</i>
	USCG Helicopter					USCG Overflight
FA3TACN7EL	Unmanned Aircraft	DJI M600		03/21/2019 10:21		IR/Thermal
FA397EHTT7	Unmanned Aircraft	DJI Phantom 4 PV2		03/21/2019 10:21		Daytime Camera
Task / Mission / Assignment						
<i>Function</i>	<i>Name of Personnel or Cargo or Instructions for Tactical Aircraft</i>		<i>Mission Start</i>	<i>Fly To</i>	<i>Fly From</i>	
FA397EHTT7	Shoreline surveys of ship channel		03/21/2019 11:30	San Jacinto State Park	San Jacinto State Park	
FA397EHTT7	Shoreline surveys of Tucker Bayou and entrance to Buffalo Bayou		03/21/2019 13:00	Tucker Bayou	Tucker Bayou	
FA397EHTT7	IR Camera for Tank Level Verification		03/21/2019 21:30	Incident Location	Incident Location	
ICS 220 - Air Operations Summary				Prepared By Bryce Allen, Updated 03/21/2019 21:02 UTC -6:00 PP		
INCIDENT ACTION PLAN SOFTWARE™		Printed 03/21/2019 23:14 UTC -6:00		Page 1 of 1		© TRG

ICS 230 - Daily Meeting Schedule		Version Name: 3/22/2019 Meeting Schedule	
Incident Name: 2nd 80's Fire		Period: Period 1 [03/22/2019 07:00 - 03/23/2019 07:00]	
Meeting Name & Date/Time	Purpose	Attendees	Location
Operations Briefing - Field 03/22/2019 07:00	Present IAP and assignments to the supervisors/leaders for the next operational period.	Facilitator: Field Supervisor, Branch Director, Division/Group Supervisor, Task Force/Strike Team Leader, Operations Section Chief	ITC Deer Park
IC/Unified Command Objectives Meeting 03/22/2019 08:00	The IC/UC will establish prioritized incident objectives, set response priorities, identify any limitations/constraints/Critical Information Requirements (CIR), and establish guidelines for the IMT to follow.	Facilitator: Incident Command/Unified Command (IC/UC) Member or Planning Section Chief (PSC) (if available), Incident Commander, Federal OSC, State OSC, Documentation Unit Leader, Operations Section Chief, Planning Section Chief	Conference Room
Command & General Staff Meeting 03/22/2019 09:00	Provide opportunity for IC/UC to present decisions and management direction to the Command & General Staff members.	Facilitator: Planning Section Chief (PSC), Incident Commander, Federal OSC, State OSC, Public Information Officer, Safety Officer, Liaison Officer, Legal Officer, Operations Section Chief, Planning Section Chief, Logistics Section Chief, Finance Section Chief, Documentation Unit Leader, Situation Unit Leader	Conference Room
Tactics Meeting 03/22/2019 14:00	Create tactical operations plan for the next operational period to meet IC/UC objectives.	Facilitator: Planning Section Chief (PSC), Operations Section Chief, Planning Section Chief, Logistics Section Chief, Finance Section Chief, Resource Unit Leader, Situation Unit Leader, Environmental Unit Leader, Safety Officer, Documentation Unit Leader	Conference Room
Planning Meeting 03/22/2019 16:00	Describe strategies and tactical plan to achieve IC/UC's direction, priorities and objectives for the next operational period.	Facilitator: Planning Section Chief (PSC), Incident Commander, Federal OSC, State OSC, Safety Officer, Public Information Officer, Liaison Officer, Legal Officer, Planning Section Chief, Operations Section Chief, Logistics Section Chief, Finance Section Chief, Documentation Unit Leader, Resource Unit Leader, Situation Unit Leader, Environmental Unit Leader	Conference Room
ICS 230 - Daily Meeting Schedule		Prepared By Planning, Updated 03/21/2019 17:52 UTC -6:00 PP	
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